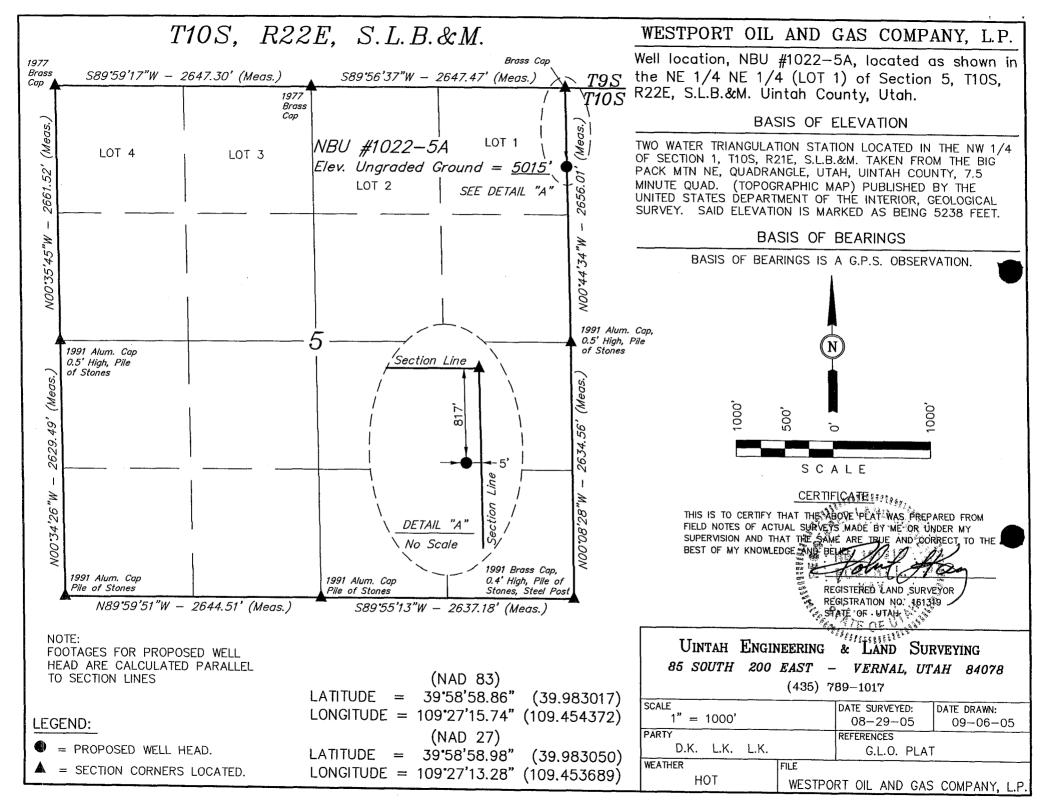
Form 3160-3			:	FORM AP	
(August 1999) UNITED STA	TEC			Expires Noven	
DEPARTMENT OF TH				5. Lease Serial No.	
BUREAU OF LAND MAI				UTU-01	191-A
APPLICATION FOR PERMIT TO		R REEN	TER	6. If Indian, Allottee or	Tribe Name
	ENTER			7. If Unit or CA Agreer	nent, Name and No.
Ta. Type of work. A Didde	ENTER			NATURAL	
	 -	F		8. Lease Name and We	
b. Type of Well: Oil Well X Gas Well Other 2. Name of Operator	Sing	le Zone	Multiple Zone	NBU 10)22-5A
WESTPORT OIL & GAS COMPANY, L.P.				43-047	37353
3A. Address	3b. Phone No. (i			10. Field and Pool, or E	•
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078		<u>(435) 781-7</u>		NATURAL	
4. Location of Well (Report location clearly and in accordance with	h any State require 0,1 SK	ments.*) 30 98300	16	11. Sec., T., R., M., or E SEC 5-T1	
At Suitage 14E14E 017 114E 5 1 EE EO1 1 (1		-109.45		SEC 3-11	US-R22E
At proposed prod. Zone 492 14. Distance in miles and direction from nearest town or post office*		10 11 13	<u> </u>	12. County or Parish	13. State
26 MILES SOUTHEAST OF OURAY, UTAH				UINTAH	UT
5. Distance from proposed*	16. No. of Acres	in lease	17. Spacing Unit dec	dicated to this well	
property or lease line, ft. (Also to nearest drig. unit line, if any)	1363	.21		40	
8. Distance from proposed location* to pearest well drilling completed. REFER TO	19. Proposed De		20. BLM/BIA Bond	No. on file	
to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C	920	0'		CO-1203	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate			23. Estimated duration	ED MIED
5015.3' GL	UI	PON APPRO	JVAL	TO BE DET	ERMINED
		chments			
The following, completed in accordance with the requirements of On	shore Oil and Gas	Order No. 1, s	hall be attached to this	s form:	
1. Well plat certified by a registered surveyor.	4.	Bond to co	ver the operations unl	less covered by an existing	bond on file (see
2. A Drilling Plan.		Item 20 abo	ove).		
3. A Surface Use Plan (if the location is on National Forest System I	Lands, the 5.	Operator ce	rtification.		
SUPO shall be filed with the appropriate Forest Service Office.	6.	Such other	site specific informatio	n and/or plans as may be r	equired by the
		authorized o	office.		
25. Signature	Name (I	Printed/Typed)		Dat	
I plea Domenico		DI	EBRA DOMENIC	.1	10/28/2005
Title ASSOCI	ATE ENVIRO	NMENTAL	ANALYST		
Approved by (Signature)		Printed/Typed)		Dat	ę
	BRADLE				1-07-05
Title	NVIRONMEN				
Application approval does not warrant or certify that the applicant ho	lds legal or equite	hle title to tho	se rights in the subject	lease which would entitle	the applicant to conduct
operations thereon.	ida legal of equita	ore true to the	o rigino in the swej		, ,
Conditions of approval, if any, are attached.					
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make	it a crime for any	person knowir	gly and willfully to ma	ake to any department or a	gency of the United
States any false, fictitious or fraudulent statements or representations	as to any matter v	ithin its jurisd	iction.		=
*(Instructions on reverse)					

Federal Approval of this Action is Necessary

RECEIVED

WOV 0 2 2005



NBU 1022-5A NENE SEC 5-T10S-R22E UINTAH COUNTY, UTAH UTU-01191-A

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

<u>Formation</u>	<u>Depth</u>
Uinta	0- Surface
Green River	1300'
Wasatch	4550'
Mesaverde	7050'
TD	9200'

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

Substance	<u>Formation</u>	<u>Depth</u>
	Green River	1300'
Gas	Wasatch	4550°
Gas	Mesaverde	7050'
Water	N/A	
Other Minerals	N/A	

3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. Proposed Casing & Cementing Program:

Please see the Natural Buttes Unit SOP.

5. Drilling Fluids Program:

Please see the Natural Buttes Unit SOP.

6. Evaluation Program:

Please see the Natural Buttes Unit SOP.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 9200' TD, approximately equals 5704 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3680 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

9. <u>Variances:</u>

Please see Natural Buttes Unit SOP.

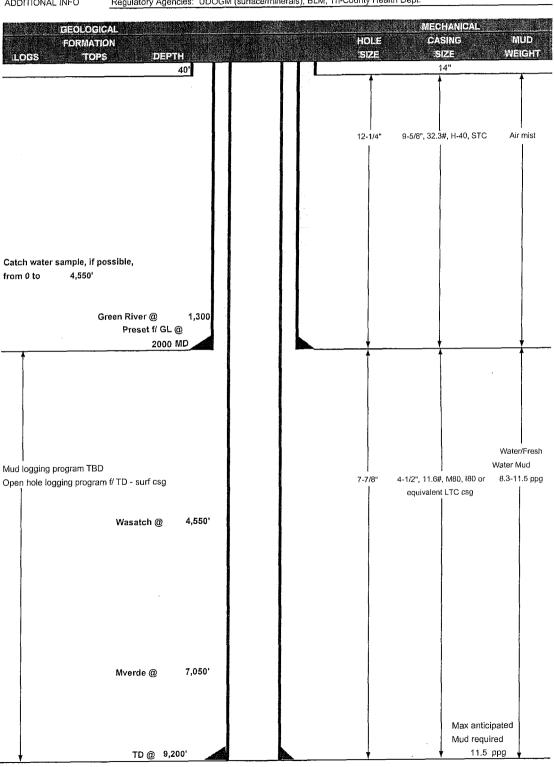
10. Other Information:

Please see Natural Buttes Unit SOP.



Westport Oil and Gas Company, L.P. <u>DRILLING PROGRAM</u>

COMPANY NA	ME V	Westport Oil and Gas Co., L.P.		DATE	Septemb	er 19, 2005		
WELL NAME	7	NBU 1022-5A		TD	9,200'	MD/TVD		
FIELD Nat	tural Buttes	s COUNTY Uintah	STATE Utal	1	ELEVATION	5,015' GL	KE	5,030'
SURFACE LOC	CATION	NENE LOT 1 SECTION 5-T10S-	R22E 817'FNL 8	5'FEL	-		BHL	Straight Hole
		Latitude: 39.983017 Longi	tude: 109.454	372				
OBJECTIVE ZO	ONE(S)	Wasatch/Mesaverde						
ADDITIONAL II	NFO	Regulatory Agencies: UDOGM (surface/minerals), BLM,	Tri-County Hea	alth Dept.		







DRILLING PROGRAM

CASING PROGRAM

									ESIGN FAOT	ORS
	SIZE	IN.	TERV	AL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'					2270	1370	254000
SURFACE	9-5/8"	0	to	2000	32.30	H-40	STC	0.65****** 7780	1.58 6350	4.49 201000
PRODUCTION	4-1/2"	0	to	9200	11.60	M-80 or I-80	LTC	2.24	1.15	2.16

1) Max Anlicipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

11.5 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP

3478 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXOLESS:	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
,	TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50		15.60	1.18
			+ 2% CaCl + .25 pps flocele	[
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE	I		NOTE: If well will circulate water to s	urface, op	tion 2 will b		, 4
Option 2	LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
•		:	+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
]		+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	N LEAD	4,050'	Premium Lite II + 3% KCI + 0.25 pps	420	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
	1		+ 0.5% extender				
	}	. 4	数 1000 1000 1000 1000 1000 1000 1000 10				
	TAIL	5,150'	50/50 Poz/G + 10% salt + 2% gel	1440	60%	14.30	1.31

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.	
	the state to a stall a secret with how	
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.	

ADDITIONAL INFORMATION

DRILLING SUPERINTENDENT:

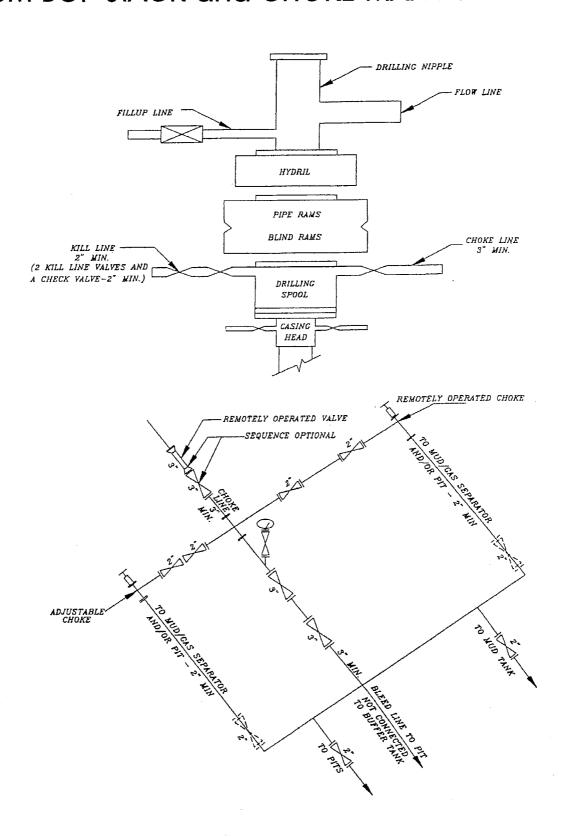
Randy Bayne

	BOPE: 11" 5M with one annula	r and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder &
	tour sheet. Function test rams of	on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper
	& lower kelly valves.	
		Maximum allowable hole angle is 5 degrees.
	Most rigs have PVT Systems fo	mud monitoring. If no PVT is available, visual monitoring will be untilized.
ILLING	ENGINEER:	DATE:
		Brad Laney

NBU1022-5A_APD.xls

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

5M BOP STACK and CHOKE MANIFOLD SYSTEM



NBU 1022-5A NENE SEC 5-T10S-R22E UINTAH COUNTY, UTAH UTU-01191-A

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the NBU 1022-5A on 10/25/05, for the subject well.

1. Existing Roads:

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. Planned Access Roads:

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 130' of new access road and 140' of road re-route is proposed. Refer to Topo Map B.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

Please see the Natural Buttes Unit SOP.

Refer to Topo Map D for the location of the proposed pipelines.

Variances to Best Management Practices (BMPs) Requested:

Approximately 62' of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil has a poor history for successful rehabilitation.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. Location and Type of Water Supply:

Please see the Natural Buttes SOP.

6. Source of Construction Materials

Please see the Natural Buttes SOP.

7. Methods of Handling Waste Materials

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities

Please see the Natural Buttes SOP.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussion, a 20 mil reserve pit liner with felt will be used.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be resurveyed and a form 3160-5 will be submitted.

10. Plans for Reclamation of the Surface:

Please see the Natural Buttes SOP.

When the pit is backfilled, the topsoil pile shall be spread on the location up to the rig anchor points. The location will be reshaped to the original contour to the extent possible. The following seed mixture will be used to reclaim the surface for interim reclamation using appropriate reclamation methods. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Crested Wheat Grass

6 lbs.

Needle and Thread Grass

6 lbs.

Operator shall call the BLM for the seed mixture when final reclamation occurs.

11. Surface Ownership:

The well pad and access road are located on lands owned by:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435)781-4400

12. Other Information:

A Class III archaeological survey and a paleontological survey have been performed and will be filed when received.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

13. Lessee's or Operator's Representative & Certification:

Debra Domenici Associate Environmental Analyst Wesport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by BLM Nationwide Bold #CO-1203.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici

10/28/2005

Date

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-5A SECTION 5, T10S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 7.2 MILES TO JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 130' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.0 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

NBU #1022-5A LOCATED IN UINTAH COUNTY, UTAH SECTION 5, T10S, R22E, S.L.B.&M.

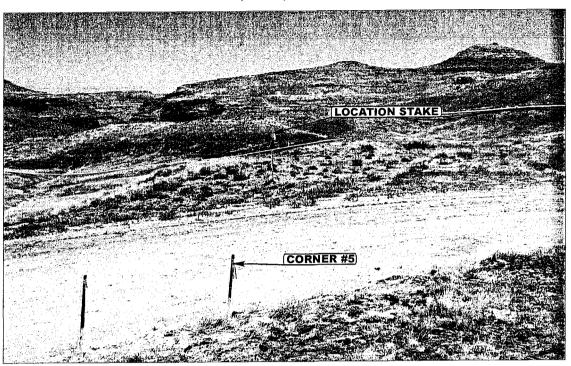


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY

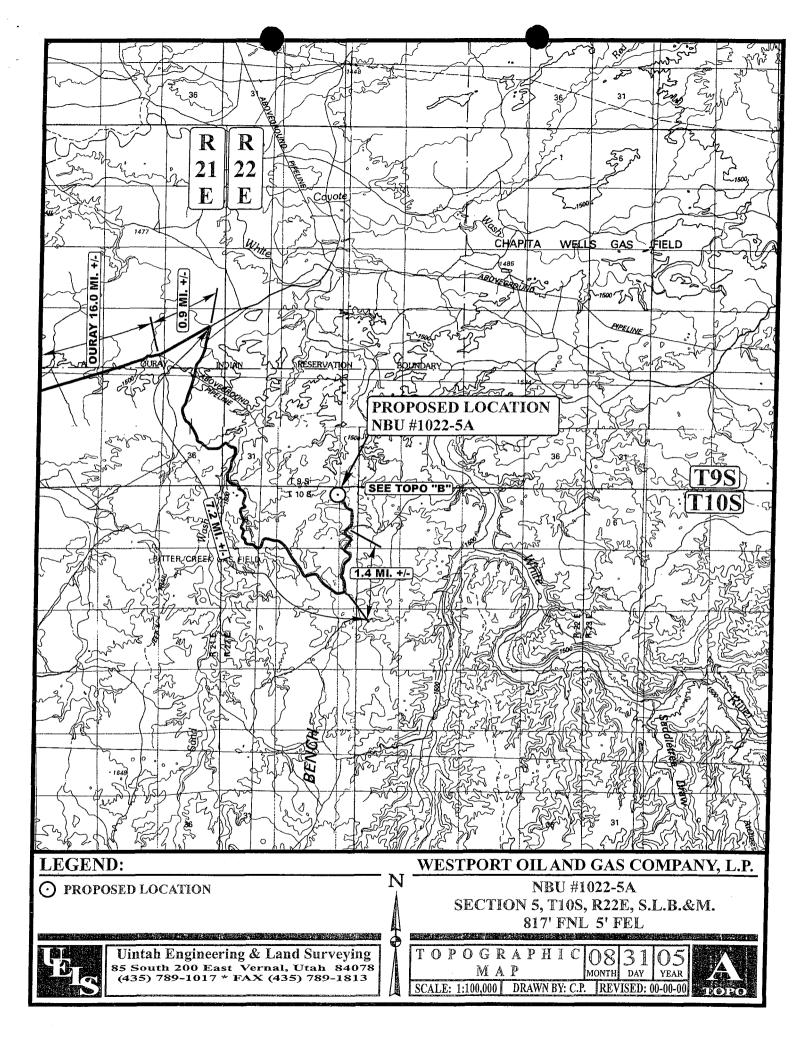


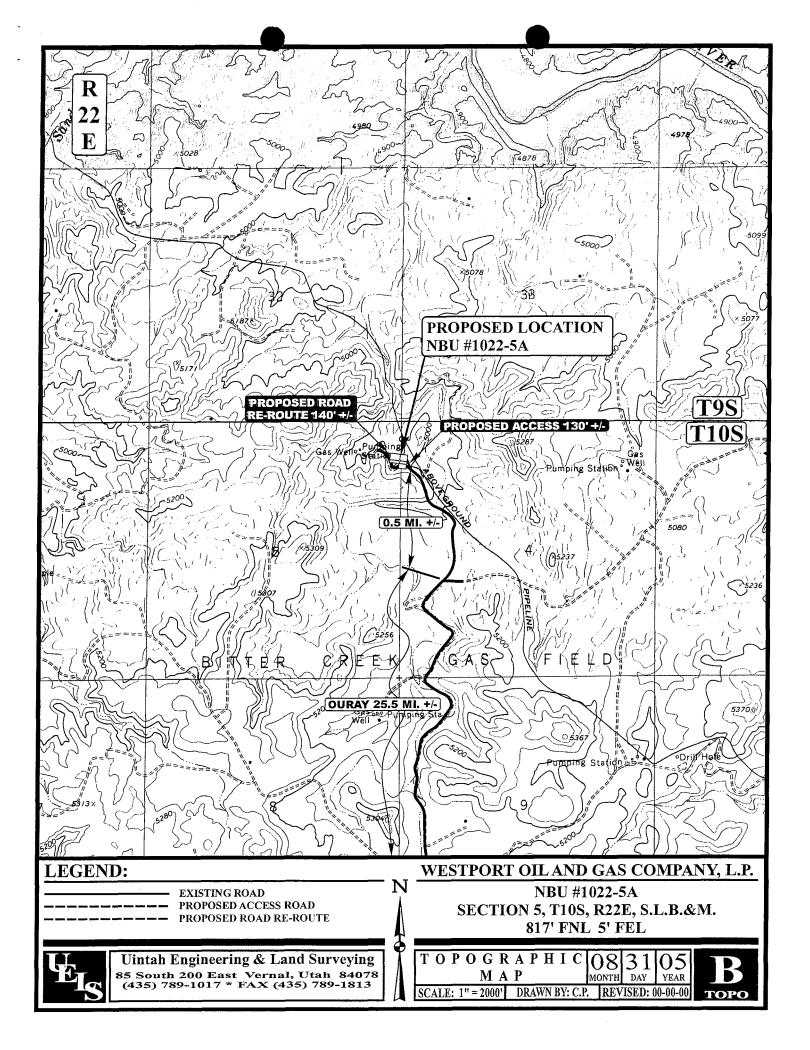
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

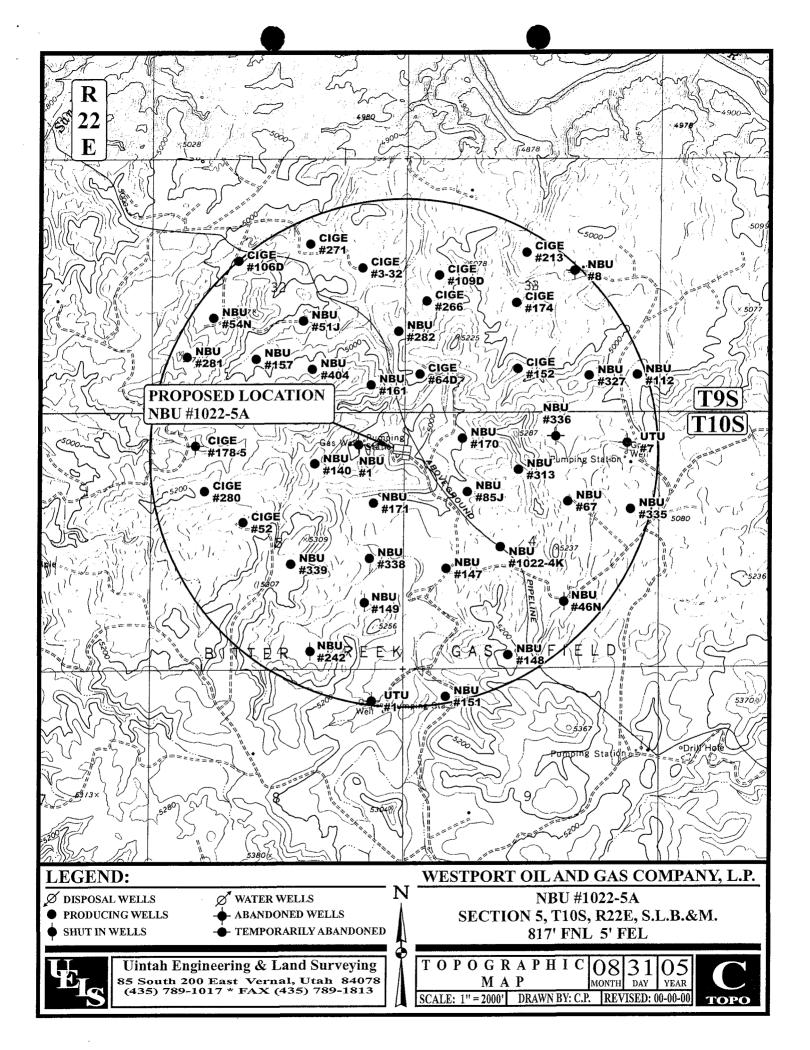
LOCATION PHOTOS

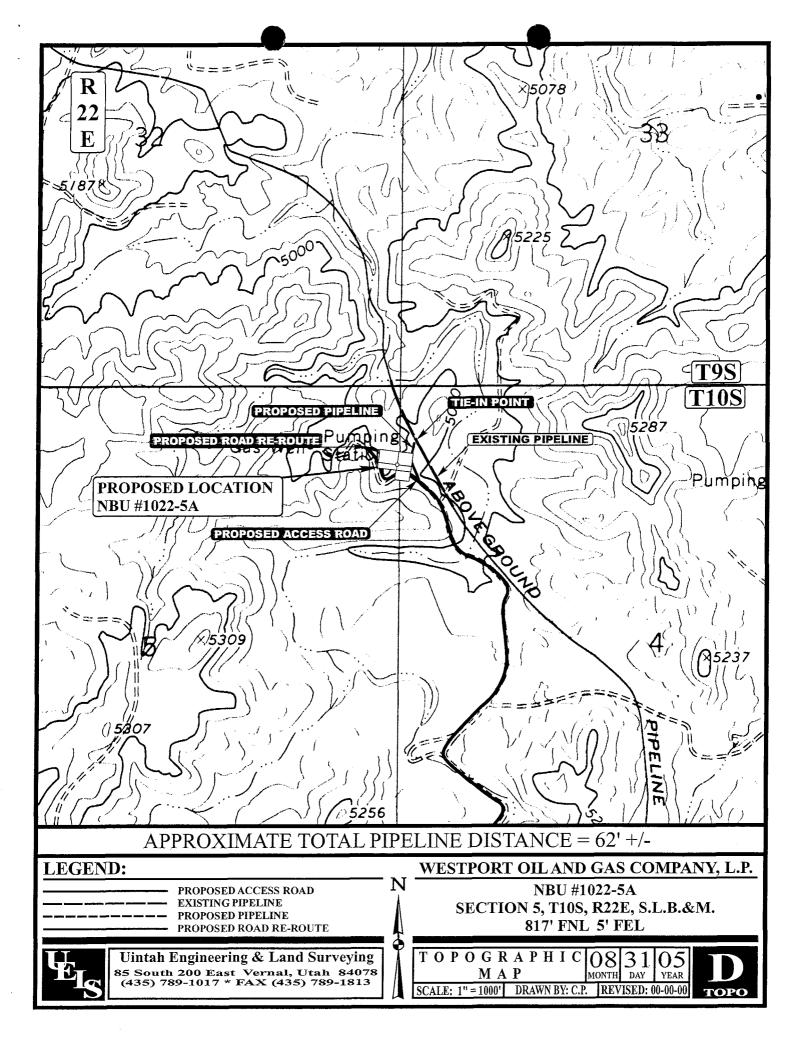
РНОТО

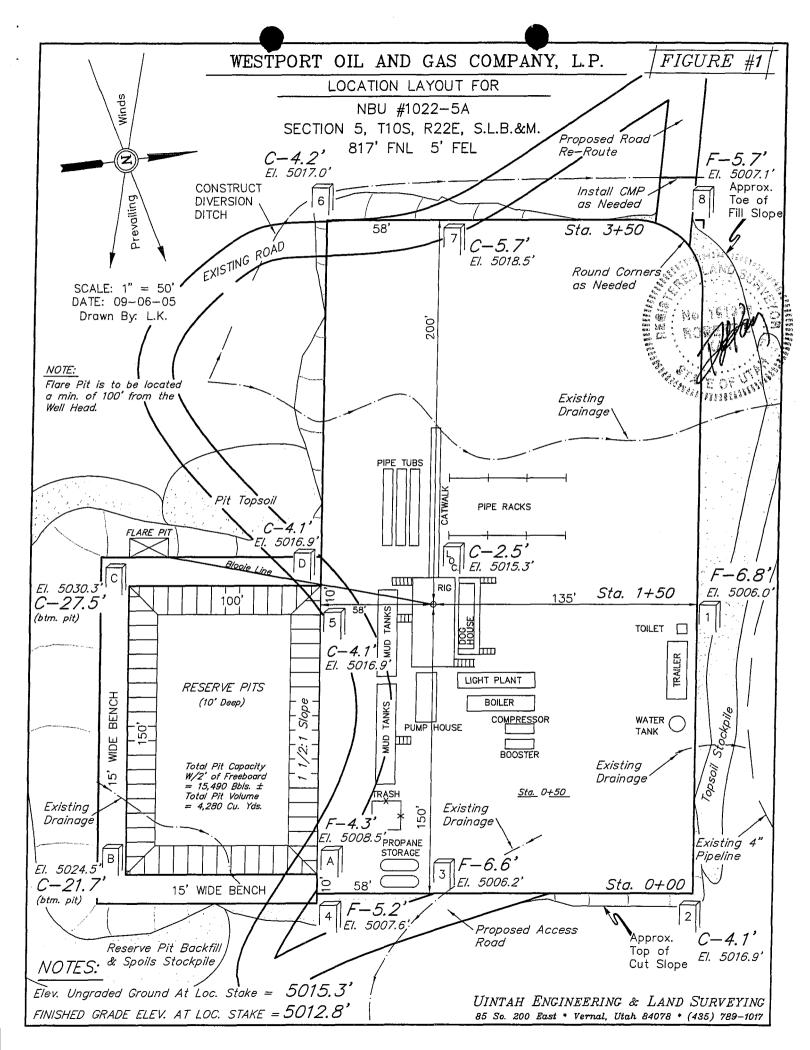
TAKEN BY: D.K. | DRAWN BY: C.P. | REVISED: 00-00-00

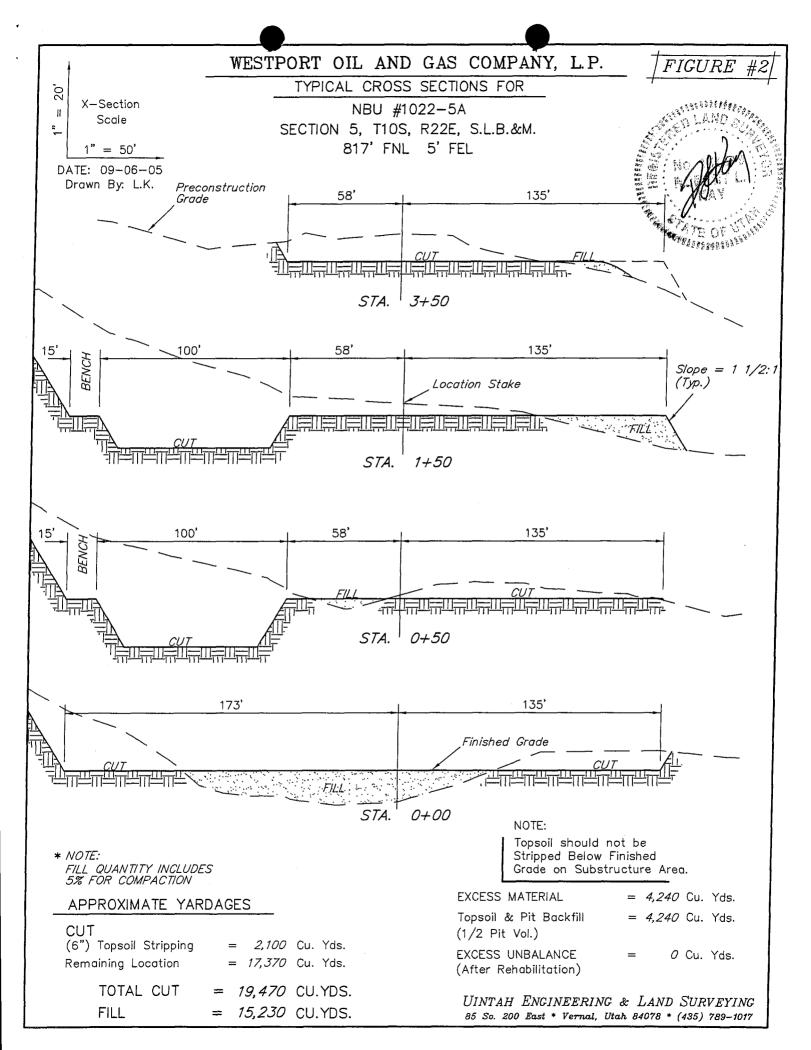




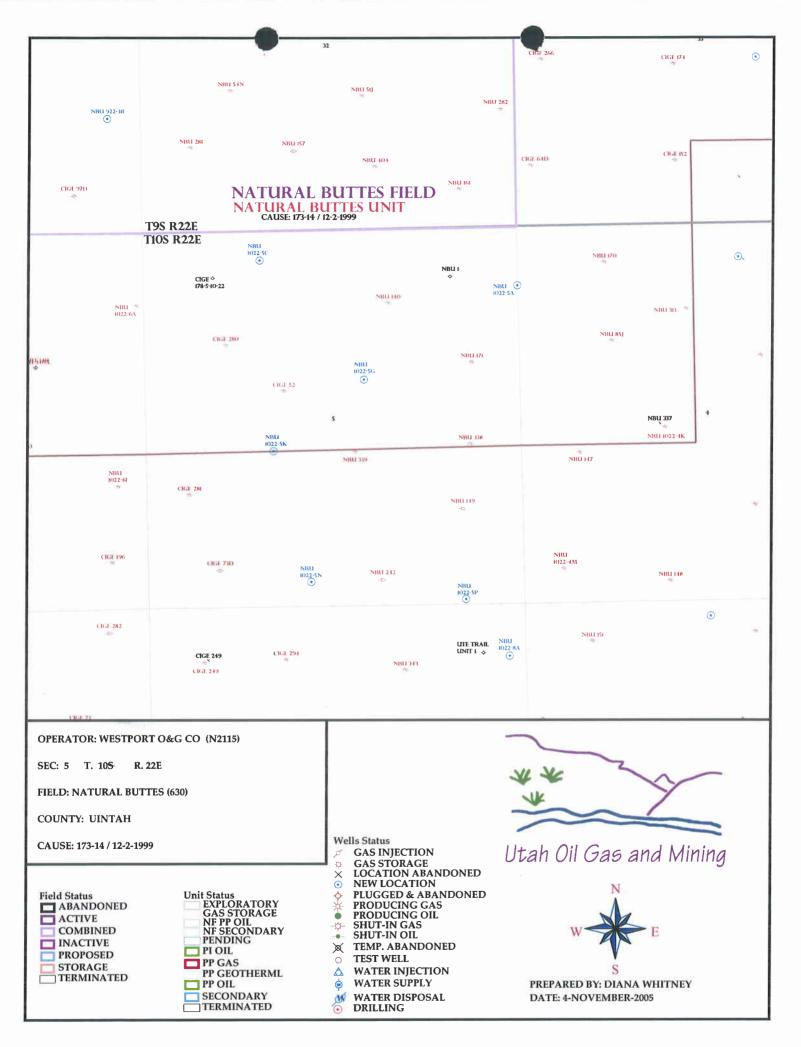








APD RECEIVED: 11/02/2005	API NO. ASSIGNED: 43-047-37353
WELL NAME: NBU 1022-5A OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: DEBRA DOMENICI PROPOSED LOCATION: NENE 05 100S 220E SURFACE: 0817 FNL 0005 FEL BOTTOM: 0817 FNL 0005 FEL UINTAH NATURAL BUTTES (630) LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-01191-A SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSMVD	PHONE NUMBER: 435-781-7060 INSPECT LOCATN BY: / / Tech Review Initials Date Engineering Geology Surface LATITUDE: 39.98301
COALBED METHANE WELL? NO	LONGITUDE: -109.4536
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) NW Fee Surf Agreement (Y/N) NW Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit NATURAL BUTTES R649-3-2. General
COMMENTS: Sp. Squarate Gle	
STIPULATIONS: 1- FRIED MAPRICALE	





BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

November 3, 2005

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2005 Plan of Development Natural Buttes Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Natural Buttes Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch-MesaVerde)

43-047-37354 NBU 1022-20P Sec 20 T10S R22E 0472 FSL 0690 FEL 43-047-37355 NBU 1022-20J Sec 20 T10S R22E 2484 FSL 1930 FEL 43-047-37356 NBU 1022-20H Sec 20 T10S R22E 2232 FNL 0965 FEL 43-047-37353 NBU 1022-5A Sec 5 T10S R22E 0817 FNL 0005 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc:

File – Natural Buttes Unit Division of Oil Gas and Mining

Central Files Agr. Sec. Chron



State of Utah

Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

November 7, 2005

Westport Oil & Gas Company, LP 1368 South 1200 East Vernal, UT 84078

Re:

Natural Buttes Unit 1022-5A Well, 817' FNL, 5' FEL, NE NE, Sec. 5,

T. 10 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37353.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & G	Westport Oil & Gas Company, LP				
Well Name & Number	Natural Buttes Un	it 1022-5A				
API Number:	43-047-37353					
Lease:	UTU-01191-A					
Location: <u>NE NE</u>	Sec5_	T. 10 South	R. 22 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: (New O	erator):			
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP	
1368 South 1200 East	1368 South 1200 East				
Vernal, UT 84078	Vernal	, UT 84078	3		
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024			
CA No.	Unit:	N	UNIT		
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL
l 9,		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5	
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5	
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81	
4b. If NO , the operator was contacted contacted on:	_			_	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred
5c. Reports current for Production/Disposition & Sundries on:	ok	•			
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet
7. Federal and Indian Units:					
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w			n/a		
	ivision has appro		-	isfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006				
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	_	
3. Bond information entered in RBDMS on:4. Fee/State wells attached to bond in RBDMS on:	5/15/2006	-			
4. Fee/State wells attached to bond in RBDMS on:5. Injection Projects to new operator in RBDMS on:	5/16/2006	-			
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only	
BOND VERIFICATION:					
Federal well(s) covered by Bond Number:	CO1203				
2. Indian well(s) covered by Bond Number:	RLB0005239	-			
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36	
a. The FORMER operator has requested a release of liability from the	•	n/a	rider adde		
The Division sent response by letter on:			_		
LEASE INTEREST OWNER NOTIFICATION:		-			
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006			
COMMENTS:					

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Serial	No.

SUNDRY Do not use this abandoned well.	MULTIPLE LEASES 6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPI	7. If Unit or CA/Agreement, Name and/or No.		
I. Type of Well	_		
Oil Well X Gas Well	☐ Other		8. Well Name and No.
2. Name of Operator			MUTIPLE WELLS
KERR-McGEE OIL & GAS	ONSHORE LP		9. API Well No.
3a. Address		3b. Phone No. (include area	code)
1368 SOUTH 1200 EAST	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descript	(435) 781-7024 tion)	
SEE ATTACHED			11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATURE OF NO	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION
Notice of Intent	Acidize Alter Casing		roduction (Start/Resume) Water Shut-Off
Subsequent Report	Casing Repair Change Plans	New Construction F	decomplete
Final Abandonment Notice	Convert to Injection	Plug Back	emporarily Abandon OPERATOR Vater Disposal
13. Describe Proposed or Completed Op If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated starting give subsurface locations and measur	g date of any proposed work and approximate duration thereof, red and true vertical depths of all pertinent markers and zones.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

 I hereby certify that the foregoing is true and corn Name (Printed/Typed) FANDY BAYNE 	Title Earlene Ri	lene Russell 16 Oil, Gas and Mining 18 Ussell, Engineering Technician
Signature / Sayne	Date May 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE L	JSE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	3076

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)				6. If Indiar	, Allottee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other instru	ctions o	n reverse	e side	7. If Unit o	or CA/Agreement, Name and/or No.
I. Type of Well						
Oil Well X Gas Well	Other				8. Well Na	me and No.
2. Name of Operator					MUTIPL	.E WELLS
WESTPORT OIL & GAS CO	DMPANY L.P.				9. API Wel	l No.
3a. Address		3b. Phon	e No. (includ	le area d	code)	
1368 SOUTH 1200 EAST V		(435) 78	1-7024		10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)				
055 47740450					11. County of	or Parish, State
SEE ATTACHED					UINTAH	COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE	NATURE (OF NO	TICE, REPORT, OR	OTHER DATA
TYPE OF SUBMISSION			TYP	E OF A	ACTION	
Notice of Intent	Acidize	Deepen		☐ Pr	oduction (Start/Resume) Water Shut-Off
_	Alter Casing	Fractur			eclamation	Well Integrity
Subsequent Report	Casing Repair		onstruction		complete	Other CHANGE OF
Final Abandonment Notice	Change Plans Convert to Injection	_	d Abandon		emporarily Abandon	OPERATOR
13. Describe Proposed or Completed Open	-	Plug Ba		_	ater Disposal	
Attach the Bond under which the wolfollowing completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	operations. If the operation resulted and on the file at inspection. DO6, WESTPORT OIL 8 THE ATTACHED WELL	is in a multip d only after a & GAS CC LOCATIO	OMPANY	L.P., I	npletion in a new interva ling reclamation, have be HAS RELINQUISI -McGEE OIL & G	I, a Form 3160-4 shall be filed once ten completed, and the operator has
	APPR	OVED	51	161	06	RECEIVED
	<u>Ca</u>	rlove	Russ	ıll		— —
	Division	of Oil, G	es and Mi	ining		MAY 1 0 2006
	Dariene I	Kussell, E	ngineerin	g Tect	hnician	NIV OF OUR OAR RAMMING
14. I hereby certify that the foregoing	g is true and correct					DIV_OF OIL_GAS & MINING
Name (Printed/Typed)		Title				
BRAD LANEY Signature			IEERING	SPEC	CIALIST	
orginature .		Date May 9,	2006			
	THIS SPACE			TATE U	JSE	
Approved by			itle		Date	
Olack January					5-9	7-06
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	table title to those rights in the subj	ect lease	ffice		¥ 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and v matter withi	villfully to m n its jurisdict	nake to a tion.	any department or ager	ncy of the United States any



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

TOLOFOL, CAO 2 LINE D

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

RECEIVED

Date

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS				UTU-01191	-A	
Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.					llottee or Tribe Name	
SUBMIT IN TRIPL	ICATE – Other instru	ictions on reverse	e side	7. If Unit or C	A/Agreement, Name and/or No.	
1. Type of Well				NATURAL I	BUTTES UNIT	
Oil Well 🔀 Gas Well	Other			8. Well Name	and No.	
2. Name of Operator				NBU 1022-	5A	
KERR McGEE OIL AND GAS	ONSHORE LP			9. API Well N	0.	
3a. Address		3b. Phone No. (include	area code)	430473735	3	
1368 SOUTH 1200 EAST VER	RNAL, UT 84078	435-781-7003		i	ool, or Exploratory Area	
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)			NATURAL I	BUTTES UNIT	
NENE SEC 5-T10S-R22E				11. County or F	Parish, State	
817' FNL 5' FEL LOT 1				UINTAH CO	OUNTY, UTAH	
12. CHECK A	APPROPRIATE BOX(ES) TO) INDICATE NATURE	OF NOTICE, RE	EPORT, OR OT	HER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION			
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production Reclamation Recomplete Temporarily Water Dispo	y Abandon	Water Shut-Off Well Integrity Other APD EXTENSION DOGM	
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Al determined that the site is ready for fin THE OPERATOR REQUESTS LOCATION SO THAT THE DE APPROVED BY THE DIVISION	ally or recomplete horizontally, good will be performed or provide operations. If the operation resubandonment Notices shall be file al inspection. SAUTHORIZATION FOR RILLING OPERATIONS	the Bond No. on file with ults in a multiple completion of only after all requirement A ONE YEAR EXT	d measured and the BLM/BIA. Required or recompletion ints, including reclaim ENSION FOR ED. THE ORIGINAL 2005.	ne vertical depths red subsequent re in a new interval, amation, have bee R THE SUBJE	of all pertinent markers and zones. ports shall be filed within 30 days a Form 3160-4 shall be filed once an completed, and the operator has	
14. I hereby certify that the foregoing is t		Date: 11-0+	HOLL			
Name (Printed/Typed)	HOODES	Title	Title REGULATORY CLERK			
Signature RAMEY	Date					
Va) Moss	Signature Valmus Poller			October 30, 2006		

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

THIS SPACE FOR FEDERAL OR STATE USE

Title

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the Ulitted States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Approved by

Application for Permit to Drill Request for Permit Extension

Validation (this form should accompany the Sundry Notice requesting permit extension)

API:

4304737353

Well Name: NBU 1022-5A Location: NENE SEC 5-T10S Company Permit Issued to: Date Original Permit Issued:	KERR MCGEE OIL AND GAS ONSHORE LP
above, hereby verifies that the	n legal rights to drill on the property as permitted information as submitted in the previously mains valid and does not require revision.
Following is a checklist of some verified.	e items related to the application, which should be
If located on private land, has t agreement been updated? Yes	he ownership changed, if so, has the surface □ No ☑
	the vicinity of the proposed well which would affect nts for this location? Yes ☐ No ☑
Has there been any unit or othe permitting or operation of this p	er agreements put in place that could affect the proposed well? Yes□No☑
	to the access route including ownership, or right- proposed location? Yes □ No ☑
Has the approved source of wa	ater for drilling changed? Yes□No☑
	changes to the surface location or access route plans from what was discussed at the onsite
Is bonding still in place, which	covers this proposed well? Yes ☑ No □
Ramey coper	10/30/2006 Date
Signature / 1 0	Date
Title: REGULATORY CLERK	
Representing: Kerr McGee Oil a	nd Gas Onshore LP
	RECEIVE
	NOV 0.7.00

Form 3160-3 (August 1999)

FORM APPROVED OMB No. 1004-0136

UNITED STA	TES	-	9 %	Expires	NOVETHOET 50, 21	300
DEPARTMENT OF TH BUREAU OF LAND MAI	E INTERIC	DR QC	28		U-01191-A	
APPLICATION FOR PERMIT T		OR REEN	TER	6. If Indian, Allot	tee or Tribe Nar	ne
				7. If Unit or CA A	greement, Nan	e and No.
1a. Type of Work: X DRILL RE	ENTER			NATII	RAL BUTTI	ES
				8. Lease Name an		
b. Type of Well: Oil Well Gas Well Other		Single Zone X	Multiple Zone	NB	U 1022-5A	
2. Name of Operator				9. API Well No.	473736	 53
KERR MCGEE OIL AND GAS ONSHORE LP	2b Phone N	o. (include area c	nde)	10. Field and Pool		
3A. Address	30. FIIORCIN	(435) 781-			NATURAL BUTTES	
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 4. Location of Well (Report location clearly and in accordance with	h any State rea		002	11. Sec., T., R., M	11. Sec., T., R., M., or Blk, and Survey or Area	
At surface NENE 817' FNL 5' FEL LOT 1	tuny bruie i eq			SEC :	5-T10S-R22	E
At proposed prod. Zone	*			12. County or Pari	ish 13	3. State
14. Distance in miles and direction from nearest town or post office 26 MILES SOUTHEAST OF OURAY, UTAH				UINTAI		UT
15. Distance from proposed*	16. No. of A	Acres in lease	17. Spacing Unit	dedicated to this well		
property or lease line, ft. (Also to nearest drig, unit line, if any)	1.	363.21		40		
18. Distance from proposed location* to nearest well, drilling, completed, REFER TO	19. Propose	d Depth	20. BLM/BIA B			
to nearest well, drilling, completed, applied for, on this lease, ft. TOPO C		9200'		CO-1203		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approx	imate date work w		23. Estimated dura	ation DETERMIN	IED
5015.3' GL	<u> </u>	UPON APPR	OVAL	TOBE	DETERMIN	ED
		Attachments				
The following, completed in accordance with the requirements of Or	nshore Oil and					
1. Well plat certified by a registered surveyor.		4. Bond to c	over the operations	s unless covered by an e.	xisting bond on	file (sec
2. A Drilling Plan.		Item 20 al	0 above).			
3. A Surface Use Plan (if the location is on National Forest System	Lands, the	5. Operator c	ertification.			
SUPO shall be filed with the appropriate Forest Service Office.		6. Such other authorized		nation and/or plans as ma	ay be required b	y the
		<u> </u>				
25. Senature	Nai	me (Printed/Typed			Date	
XIMIU HUIYU]	RAMEY HOO	PES	4/17	7/2006
fitle T	REGUL	ATORY CLEI	RK			
Approved by (Signature)		me (Printed/Typed			Date	
	1	Jeery Ke	works		2.8.200	7
Title Assistant Field Manager	Off	VERNA	L FIELD OF	FICE		
Application approval does not warrant effectify that the applicant h	olds legal or e	quitable title to th	ose rights in the sub	ject lease which would	entitle the appli	cant to condu
and the second s		•	-			
operations thereon. Conditions of approval, if any, are attached.						
Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make	e it a crime for	any person know	ingly and willfully	to make the feeting	n lor mency of	the United
States any false, fictitious or fraudulent statements or representation	s as to any ma	tter within its juri	diction.	115051	* L U	
				MAR DE	2007	
*(Instructions on reverse)				· mil o t	LUU/	

DIV. OF CIL, GAS & MILLING

NOS Rue 9-19-05

06 6 XJ0405 A NOTICE OF APPROVAL

CONDITIONS OF APPROVAL AT



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Location: NENE, Sec. 5, T10S, R22E

Well No: NBU 1022-5A Lease No: UTU-01191-A API No: 43-047-37353 Agreement: Natural Buttes Unit

170 South 500 East

Petroleum Engineer: Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Michael Lee Office: 435-781-4432 Cell: 435-828-7875

Petroleum Engineer: Jim Ashley Office: 435-781-4470

Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 Environmental Scientist: Paul Buhler Office: 435-781-4475 Cell: 435-828-4029

Environmental Scientist:

Karl Wright
Natural Resource Specialist:

Holly Villa
Melissa Hawk
Natural Resource Specialist:

Scott Ackerman

Office: 435-781-4484
Office: 435-781-4476
Office: 435-781-4476

After Hours Contact Number: 435-781-4513 Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction - Forty-Eight (48) hours prior to construction of location and access roads. (Notify Environmental Scientist)

Location Completion - Prior to moving on the drilling rig. (Notify Environmental Scientist)

Spud Notice - Twenty-Four (24) hours prior to spudding the well. (Notify Petroleum Engineer)

Casing String & Cementing - Twenty-Four (24) hours prior to running casing and cementing all casing (Notify Supervisory Petroleum Technician) strings.

BOP & Related Equipment Tests - Twenty-Four (24) hours prior to initiating pressure tests. (Notify Supervisory Petroleum Technician)

First Production Notice
(Notify Petroleum Engineer)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 6 Well: NBU 1022-5A

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC CONDITIONS OF APPROVAL

1. If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.

2. The following interim seed mixture shall be used:

Ту	lbs./acre	
Needle and Threadgrass	Stipa commata	6
Crested Wheatgrass	Agropyron cristatum	6
** Seed should be drilled; b	out if broadcasted double the p	oounds per
acre used and work the solid	ds mechanically to cover the s	seed.

- i. All pounds are in pure live seed.
- ii. Reseeding may be required if first seeding is not successful.
- 3. The topsoil from the reserve pit should be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- 4. Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.
- 5. Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

GENERAL SURFACE CONDITIONS OF APPROVAL

1. Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

COAs: Page 3 of 6 Well: NBU 1022-5A

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- 1. The operator's proposed BOPE of 3M (for TD formation Mesaverde per SOP) is marginally deficent at TD 9200 ft, bhp 5161 psi or oper5704psi (gradient of 0.62 psi/ft for Apn-aBhp oper Westport), mud weight 10.8 ppg or greater. An upgrade of the BOPE to a 5M system is required. Fyi -bope calculations- For TD 9200 ft; mw 10.8 ppg, 3137 psi max.surf.Pressure (bhp 5161 psi)
- 2. The operator's proposed surface casing of 9.625 " 32.3 # H-40 ST&C (straight string) set at a depth of 2000' does 'not' meet the regulatory standards for a burst design coefficient greater then 1.000. (depth TD 9200 ft, bhp 5704 psi, mud weight 10.8 ppg) and is therefore deficient. The operator is required to upgrade the surface casing up to an appropriate API rated grade of surface casing which will meet or exceed the regulatory standards for a burst design coefficient greater then 1.000. Submitted APD does include a specification range for surface casing. Per SOP, higher graded/heavier pipe are available selection upgrades for the surface casing.
- 3. A cement Bond Log (CBL) shall be run from the production casing shoe to the surface casing shoe. Justification based on proximity of Mahogany oil shale to 2000' depth level.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

COAs: Page 4 of 6 Well: NBU 1022-5A

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- 8. Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

9. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if

COAs: Page 5 of 6 Well: NBU 1022-5A

performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- 10. A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- 11. Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- 12. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- 13. All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- 14. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 15. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 16. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).

COAs: Page 6 of 6 Well: NBU 1022-5A

f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.
- 17. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 18. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 19. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 20. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address:

1368 SOUTH 1200 EAST

CITY VERNAL

state UT zip 84078 Phone Number: (435) 781-7024

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304737.353	NBU 1022-5A		NENE	5	108	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	s	Spud Date			ity Assignment Effective Date
B	99999	99999 3900 7/10/2007		7/10/2007		7	123/07

Comments:

MIRU ROCKY MTN BUCKET RIG. SPUD WELL LOCATION ON 07/10/2007 AT 1300 HRS.

NHORN = WSTC = WSMVD

Well 2

R

API Number	Well	QQ	Sec	Twp	Rng	County	
4304737000	NBU 920-25M		swsw	25	98	20E	UINTAH
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	Entity Assignment Effective Date	
B	99999	2900	7/10/2007		7	123/07	

WSMVA MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 07/10/2007 AT 1100 HRS.

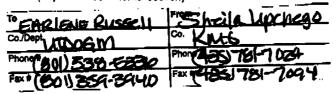
Wall 3

API Number	Well Name		QQ Sec Twp			Rng County		
Action Code	Current Entity Number	New Entity Number	s	pud Dai	l Date		y Assignment ective Date	
omments:								

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

(5/2000)



SHEILA UPCHEGO

SENIOR LAND SPECIÁLIST

7/11/2007

RECEIVED

JUL 1 1 2007

DIV. OF OIL, GAS & MINING

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

UTU-01191-A

6. If Indian, Allottee or Tribe Name

	,	•		-1			
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A						
1. Type of Well				NATURAL	BUTTES UNIT		
Oil Well X Gas Well	Other			8. Well Name	and No.		
2. Name of Operator				NBU 102	2-5A		
KERR-McGEE OIL & GAS ON	SHORE LP			9. API Well N	0.		
3a. Address		3b. Phone No. (include	area code)	430473735	3		
1368 SOUTH 1200 EAST VEH	RNAL, UT 84078	(435) 781-7024		10. Field and Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T., F	R., M., or Survey Description)	<u> </u>		NATURALI	BUTTES		
NE/NE LOT 1, SEC. 5, T10S,		11. County or Parish, State UINTAH COUNTY, UTAH					
12. CHECK A	PPROPRIATE BOX(ES) TO) INDICATE NATURE (OF NOTICE, RE	PORT, OR OTH	IER DATA		
TYPE OF SUBMISSION		TY	TE OF ACTION	ſ			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Reclamatio		Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporaril		Other WELL SPUD		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	osal			
 Describe Proposed or Completed Open If the proposal is to deepen directional Attach the Bond under which the wor 	ally or recomplete horizontally,	give subsurface locations an	d measured and tr	ue vertical depths	of all pertinent markers and zones.		

following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has

MIRU ROCKY MTN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 07/10/2007 AT 1300 HRS.

determined that the site is ready for final inspection.

RECEIVED
JUL 1 7 2007

DIV. OF OIL, GAS & MINING

Title SENIOR LAND ADMIN SPECIALIST					
Date July 11, 2007					
OR FEDERAL OR STATE L	JSE				
Title	Date				
ant or Office lease					
	Date July 11, 2007 OR FEDERAL OR STATE L Title ant or Office				

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

FORM APPROVED

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

UTU-01191-A

6. If Indian, Allottee or Tribe Name

abandoned well. Use Form 3160-3 (APD) for such proposals.	
SUBMIT IN TRIPLICATE – Other instructions on reverse sid	UNIT #891008900A
1. Type of Well	NATURAL BUTTES UNIT
Oil Well X Gas Well Other	8. Well Name and No.
2. Name of Operator	NBU 1022-5A
KERR-McGEE OIL & GAS ONSHORE LP	9. API Well No.
3a. Address 3b. Phone No. (include area of	code) 4304737353
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	NATURAL BUTTES
	11. County or Parish, State
NE/NE LOT 1, SEC. 5, T10S, R22E 817'FNL, 5'FEL	UINTAH COUNTY, UTAH
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NO	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE C	DF ACTION
Notice of Intent Acidize Deepen Alter Casing Fracture Treat Casing Repair New Construction	Production (Start/Resume) Reclamation Recomplete Water Shut-Off Well Integrity SET SURFACE
Change Plans Plug and Abandon	Temporarily Abandon CSG
Final Abandonment Notice Convert to Injection Plug Back	Water Disposal

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU BILL MARTIN AIR RIG ON 07/17/2007. DRILLED 12 1/4" SURFACE HOLE TO 2420'. RAN 9 5/8" 53 JTS OF 32.3# H-40 AND 10 JTS OF 36# J-55 SURFACE CSG. LEAD CMT W/325 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT. TOP OUT W/100 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE NO CMT TO SURFACE. 2ND TOP OUT W/125 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN BACKSIDE CMT TO SURFACE HOLE STAYED F

WORT.

JUL 3 1 2007

		DOVICE OIL GAS & MINUMO
14. I hereby certify that the foregoing is true and correct		
Name (Printed/Typed) SHELLA UPCHEGO SE	le NIOR LAND ADMIN SPECIALIS	Т
Penalugation Market Market Day	te y 24, 2007	
THIS SPACE FOR	FEDERAL OR STATE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject least which would entitle the applicant to conduct operations thereon.		
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly false, fictitious or fraudulent statements or representations as to any matter	and willfully to make to any department within its jurisdiction.	nt or agency of the United States any

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an

UTU-01191-A 6. If Indian, Allottee or Tribe Name

abandoned well.	Use Form 3160-3 (APD)) for such proposals	i.		
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No. UNIT #891008900A				
1. Type of Well					BUTTES UNIT
Oil Well X Gas Well	Other			8. Well Name	and No.
2. Name of Operator				NBU 1022-	-5A
KERR McGEE OIL AND GA	IS ONSHORE LP			9. API Well N	Vo.
3a. Address		3b. Phone No. (include	e area code)	430473735	i3
1368 SOUTH 1200 EAST V	ERNAL, UT 84078	435-781-7003		10. Field and P	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T)		NATURAL	BUTTES
817' FNL, 5' FEL				11. County or	Parish, State
NENE LOT 1, SEC 5-T10S-	R22E			UINTAH, L	JΤ
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE	OF NOTICE, R	EPORT, OR O	OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION	1	
Notice of Intent Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Production Reclamatio Recomplete Temporaril	•	Water Shut-Off Well Integrity Other FINAL DRILLING OPERATIONS
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disp	-	
13. Describe Proposed or Completed Ope If the proposal is to deepen direction Attach the Bond under which the wo following completion of the involved testing has been completed. Final A determined that the site is ready for fin	ally or recomplete horizontally, g ork will be performed or provide operations. If the operation rest bandonment Notices shall be fil	ive subsurface locations and the Bond No. on file with alts in a multiple completion	d measured and tru BLM/BIA. Requi n or recompletion	e vertical depths red subsequent re in a new interval	of all pertinent markers and zones. ports shall be filed within 30 days , a Form 3160-4 shall be filed once
FINISHED DRILLING FROM W/ 490SX PREM LITE II @ WASH LINES, DROP PLUG PLUG W/ 3000 PSI. LOST STRING WT. TEST HANGI	. 12.3 PPG 3.38 YIELD G & DISPLACE W/ 135 RETURNS AFTER DR). TAILED CMT W/ 5 BBLS WATER W ROPPING PLUG. V	/ 1360SX 50/ // CLAYSTA	50 POZ @ ' 'AND MAG	14.3 PPG 1.31 YIELD. NACIDE TO BU M P
RELEASED PIONEER RIG	53 ON 8/14/07 @ 190	00 HRS			
14. I hereby certify that the foregoing	is true and correct				
Name (Printed/Typed)		Title			
SHEILA I	JPCHEGO		SENIOR LAN	ID ADMIN S	SPECIALIS I
Signature // Oulla	MACMORIE	Date	Au	gust 16, 200)7
	THIS SPACE	E FOR FEDERAL OR	STATE USE		

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Office

Approved by

Date

NOTICE

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- Within 30 days after the completion or plugging of a well, the following shall be filed:
 - Form 8, Well Completion or Recompletion Report and Log
 - · A copy of electric and radioactivity logs, if run
 - A copy of drillstem test reports.
 - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
 - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
 - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

As of the mailing of this notice, the division has not received the required reports for

Operator: Kerr-McGee Oil & Gas Onshore, LP Today's Date: 11/27/2007

Well:		API Number:	Drilling Commenced:
NBU 922-32L-4T	wcr	4304738568	05/22/2007
NBU 1022-21E	drlg rpts/wcr	4304736066	06/26/2007
NBU 1022-5A	drlg rpts/wcr	4304737353	07/10/2007
Federal 1022-31L	drlg rtps/wcr	4304736576	07/20/2007

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

Form 3 160-5 August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

SUNDRY	UTU-01191-A				
	form for proposals to	The state of the s	6. If Indian, Allottee or Tribe Name		
abandoned well.	Use Form 3160-3 (APD)) for such proposals.			
			7. If Unit or CA/Agreement, Name and/or No.		
SUBMIT IN TRIPL	ICATE – Other instru	ictions on reverse side	UNIT #891008900A		
1. Type of Well			NATURAL BUTTES UNIT		
Oil Well X Gas Well	Other		8. Well Name and No.		
2. Name of Operator	U Ouner	- Company and the Company of the Com	NBU 1022-5A		
	ONOLIODE LO		9. API Well No.		
KERR-McGEE OIL & GAS 3a. Address	UNSHORE LP	3b. Phone No. (include area code)			
	VEDNAL UT 04070		4304737353 10. Field and Pool, or Exploratory Area		
1368 SOUTH 1200 EAST 4. Location of Well (Footage, Sec.,		(435) 781-7024			
4. Location of wen (Poolage, Dec.,	1., N., M., or Survey Descriptio	<i>m</i>)	NATURAL BUTTES 11. County or Parish, State		
NEMELOTA SEC 5 TH	00 D00E 047'ENIL E'E	==1	11. County of Fairsh, State		
NE/NE LOT 1, SEC. 5, T10	73, K22E 017 FNL, 3F	TEL WORLD	UINTAH COUNTY, UTAH		
12 CHECK VDI	PROPRIATE BOY/ES TO	INDICATE NATURE OF NOTICE,	REPORT OF OTHER DATA		
	T				
TYPE OF SUBMISSION		TYPE OF ACTIO	ON .		
Notice of Intent	Acidize	Deepen Producti	on (Start/Resume) Water Shut-Off		
	Alter Casing	Fracture Treat Reclama	· · · · · · · · · · · · · · · · · · ·		
X Subsequent Report	Casing Repair	New Construction Recomp			
Final Abandonment Notice	Change Plans		arily Abandon START-UP		
	Convert to Injection	Plug Back Water D	f any proposed work and approximate duration thereof.		
Attach the Bond under which the we following completion of the involved	ork will be performed or provide l operations. If the operation resultandonment Notices shall be file	the Bond No. on file with BLM/BIA. Realts in a multiple completion or recompletion	true vertical depths of all pertinent markers and zones. quired subsequent reports shall be filed within 30 days on in a new interval, a Form 3160-4 shall be filed once clamation, have been completed, and the operator has		
$(x_1,x_2,\dots,x_{n-1},x_n) = (x_1,\dots,x_{n-1},\dots,x_n)$			en e		
THE SUBJECT WELL LOC	ATION WAS PLACED	ON PRODUCTION ON 12/0	9/2007 AT 11:00 AM.		
PLEASE REFER TO THE A	ATTACHED CHRONO	LOGICAL WELL HISTORY.	RECEIVED		
			DEC 1 / none		
			DEC 1 4 2007		
	•		DIV. OF OIL, GAS & MINING		
			Dilliving State of Oil, das & miniming		
	* * * * * * * * * * * * * * * * * * *				
14. I hereby certify that the foregoing	g is true and correct				
Name (Printed/Typed)		Title	DECIALIST		
SHEHA UPCHEGO	<u> </u>	SENIOR LAND ADMIN S	recialis i		
/ITUUUM	MMMM.	December 11, 2007			
, , , , , , , , , , , , , , , , , , , 	7HJ2 SPAC	E FOR FEDERAL OR STATE USE			
Approved by		Title	Date		
Conditions of approval, if any, are attached					
certify that the applicant holds legal or equivalent would entitle the applicant to condu-		abject tease			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

CHRONOLOGICAL WELL HISTORY

NBU 1022-5A NENE, SEC. 5, T10S, R22E UINTAH COUNTY, UT

DATE	ACTIVITY	STATUS
06/01/07	LOCATION STARTED PIONEEI	R 52
07/09/07	LOCATION COMPLETE PIONEEI	R 52 P/L IN, WOBR
07/10/07	SET CONDUCTOR PIONEEI	R 52
07/17/07	SET AIR RIG PIONEEI	R 52 DRLG
07/24/07	9 5/8" @2378' PIONEEI	R 52 WORT
08/0307	TD: 2420' Csg. 9 5/8" @ 2378' MW: 8.4 Move rig f/ 1022-5O-1. 100% moved and 10% rig	
08/06/07	TD: 4957' Csg. 9 5/8" @ 2378' MW: 10.4 RURT. NU and test BOPE. PU drill string and driftrom 2420'-4957'. DA @ report time.	4 SD: 8/4/07 DSS: 2 ill FE. Rotary spud @ 2300 hrs 8/4/07. Drill
08/07/07	TD: 6170' Csg. 9 5/8" @ 2378' MW: 10.2 Drill from 4957'-6170'. DA @ report time.	2 SD: 8/4/07 DSS: 3
08/08/07	TD: 6401' Csg. 9 5/8" @ 2378' MW: 10.8 Drill from 6170'-6401'. TFNB and work through tig TIH with new bit @ report time.	
08/09/07	TD: 7130' Csg. 9 5/8" @ 2378' MW: 11.0 FIH. Build volume w/4% LCM to control seepage.	
08/10/07	TD: 7130' Csg. 9 5/8" @ 2378' MW: 11.0 FIH. Build volume w/4% LCM to control seepage.	
08/13/07	TD: 8705' Csg. 9 5/8" @ 2378' MW: 12.8 Drill form 7823'-8028'. TFNB. Drill to 8429'. TFN STDs. CCH @ report time.	
08/14/07	TD: 8705' Csg. 9 5/8" @ 2378' MW: 12.8 CCH and lay down drill string. Pump LCM pill @ down drill string. Run 4 1/2" casing @ report time	5087' and establish full returns. Finish laying
08/15/07	TD; 8705' Csg. 9 5/8" @ 2378' MW: 12.8 Run and cement 4 ½" Production Casing. Set slip	

12/03/07 PU tbg

Days On Completion: 1

Remarks: 7:00 AM. HSM. ROAD RIG FROM NBU 177 TO NBU 1022-5A. SPOT IN RIG EQUIPMENT & RU RIG. ND WELL HEAD NU BOP'S. PU 3 7/8" MILL & SUB. DRIFT & TALLEY & RIH W/ 84 JTS OF 2 3/8" J-55 4.7# TBG EOT @ 2,659'. WINTERIZE WELL HEAD SWI SDFN

12/04/07 PU PROD TBG

Days On Completion: 2

Remarks: 7:00 AM. HSM. CONT. RIH W/ 2 3/8" J-55 4.7# TBG. DRIFT & TALLEY 134 JTS. EOT 6,870' CIRCULATE HOLE CLEAN. POOH W/ 109 STANDS. ND BOP'S NU FRAC VALVES. MIRU B&C QUICK TEST. PRESSURE TEST CASING & BOTH FRAC VALVES TO 7.500 PSI. GOOD TEST. WINTERIZE WELL HEAD. SDFN

12/05/07 PERF

Days On Completion: 3

Remarks: 7:00 AM. HSM. MIRU CUTTERS TO PERFORATE ZONE 1. RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLE, 90 & 120 DEG PHASING. PERF 8,511' - 14' 4 SPF, 8,454' - 56' 4 SPF, 8,428' - 30' 4 SPF, 8,355' - 57' 3 SPF, 8,291' - 94' 4 SPF, 46 HOLES. POOH W/ WIRE LINE. WINTERIZE WELL HEAD SDFN

12/06/07 FRAC

Days On Completion: 4

Remarks: 7:00 AM. MIRU HALLIBURTON & CUTTERS TO PERFORATE & FRAC. HSM PRIME UP PUMPS & LINES. PRESSURE TEST SURFACE EQUIPMENT 8,000 PSI.

STG 1) WHP 1,100 PSI, BRK 4,003 PSI @ 4.5 BPM, ISIP 2,950 PSI, FG .79 PUMP 100 BBLS @ 48.5 BPM @ 4,400 PSI = 46 OF 46 HOLE OPEN MP 6,732 PSI, MR 57.3 BPM, AP 4,603 PSI, AR 51.0 BPM, ISIP 3,000 PSI, FG .80 NPI 50 PSI, PMPD 3,278 BBLS SLICK WATER & 115.000 # 30/50 SAND

STG 2) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 8,114' & PERF 8,079' - 84' 4 SPF, 7,844' - 50' 4 SPF, 44 HOLES WHP 1,225 PSI, BRK 2,733 PSI @ 5.5 BPM, ISIP 2,275 PSI, FG .73 PUMP 100 BBLS @ 49.0 BPM @ 3,850 PSI = 44 OF 44 HOLE OPEN MP 6,670 PSI, MR 52.1 BPM, AP 3,812 PSI, AR 50.1 BPM, ISIP 2,250 PSI, FG .73 NPI -25 PSI, PMPD 2,266 BBLS SLICK WATER & 79,000 # 30/50 SAND

STG 3) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 7,507' & PERF 7,475' - 77' 4 SPF, 7,465' - 69' 4 SPF, 7,213' - 18' 4 SPF, 44 HOLES WHP 513 PSI, BRK 2,980 PSI @ 5.5 BPM, ISIP 2,000 PSI, FG .72 PUMP 100 BBLS @ 50.0 BPM @ 3,540 PSI = 44 OF 44 HOLE OPEN MP 5,415 PSI, MR 53.6 BPM, AP 3,764 PSI, AR 49.6 BPM, ISIP 2,335 PSI, FG .76 NPI 335 PSI, PMPD 715 BBLS SLICK WATER & 27,500 # 30/50 SAND

STG 4) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 6,478' & PERF 6,443' - 48' 4 SPF, 6,147' - 52' 4 SPF, 40 HOLES WHP 0 PSI, BRK 2,677 PSI @ 6.5 BPM, ISIP 1,515 PSI, FG .68 PUMP 100 BBLS @ 48.6 BPM @ 4,200 PSI = 38 OF 40 HOLE OPEN MP 5,159 PSI, MR 51.4 BPM, AP 3,597 PSI, AR 49.5 BPM, ISIP 1,725 PSI, FG .72 NPI 210 PSI, PMPD 571 BBLS SLICK WATER & 19,700 # 30/50 SAND

STG 5) RIH W/ 3 3/8" EXP GNS, 23 GRM, .36 HOLES, 90 DEG PHASING SET 8K BAKER CBP @ 5,348' & PERF 5,308' - 18' 4 SPF, 40 HOLES WHP 0 PSI, BRK 2,024 PSI @ 5.5 BPM, ISIP 1,175 PSI, FG .66 PUMP 100 BBLS @ 50.0 BPM @ 2,460 PSI = 38 OF 40 HOLE OPEN MP 4,317 PSI, MR 58.8 BPM, AP 2,573 PSI, AR 50.6 BPM, ISIP 1,254 PSI, FG .68 NPI 79 PSI, PMPD 596 BBLS SLICK WATER & 25,460 # 30/50 SAND

KILL PLG) RIH SET 8K BAKER CBP @ 5258' RDMO HALLIBURTON & CUTTERS. SWI SDFN

12/07/07 DRLG CBP&LAND TBG

Days On Completion: 5

Remarks: 7:00 AM. HSM. ND FRAC VALVES & NU BOP'S. PU 3 7/8" BIT FAST EDDIE POBS & BIG R NIPPLE. RIH W/166 JTS. RU POWER SWIVEL & BRK CIRCULATION. RIH C/O 20' OF SND TAG PLG 1 @ 5,258' DRL PLG 1 IN 15 MIN 200 PSI INCREASE RIH C/O 30' OF SND TAG PLG 2 @ 5,325' DRL PLG 2 IN 10 MIN 300 PSI INCREASE RIH C/O 30' OF SND TAG PLG 3 @ 6,478' DRL PLG 3 IN 10 MIN 450 PSI INCREASE RIH C/O 30' OF SND TAG PLG 4 @ 7,507' DRL PLG 4 IN 10 MIN 500 PSI INCREASE RIH C/O 20' OF SND TAG PLG 5 @ 8,114' DRL PLG 1 IN 10 MIN 500 PSI INCREASE RIH C/O TO 8,645'. CIRC WELL CLEAN. POOH LD 30 JTS. LAND TBG W/244 JTS OF 2 3/8" J-55 4.7# TBG. EOT @ 7,693.72' ND BOP'S NU WELL HEAD. DROP BALL TO SHEAR OF BIT. PUMP OFF BIT @ 1650 PSI. WAIT 30 MINUTES FOR BIT TO FALL TO BOTTOM. TURN WELL OVER TO FLOW TESTERS. RD RIG.

285 JTS OUT BOUND 244 JTS LANDED 41 JTS RETURNED 24.00' KB .83' HANGER 7,666.69' TUBING 2.20' BIG R NIPPLE 7.693.72' LANDED

12/08/07 FLOWBACK REPORT: CP 2800#, TP 2100#, CK 20/64", 40 BWPH, LOAD REC'D 660 BBLS, LLTR 5218 BBLS

12/09/07 FLOWBACK REPORT: CP 2400#, TP 1750#, CK 20/64", 30 BWPH, LOAD REC'D 1430 BBLS, LLTR 4448 BBLS
WENT ON SALES: @ 11:00 AM. 2500 MCF. 1650 TBG. 2100 CSG, 20/64 CK, 30 BBWH

12/10/07 FLOWBACK REPORT: CP 1900#, TP 1500#, CK 20/64", 18 BWPH, LOAD REC'D 1924 BBLS, LLTR 3954 BBLS
ON SALES: 1402 MCF, 0 BC, 440 BW, TP: 1500#, CP: 1900#, 20/64 CHK, 12 HRS, LP: 188#.



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

			*** ~= '									UTU-	01191	-A		
la. Type of		Oil V			☐ Dry	Oti	her					6. 1	f Indian,	Allottee or	r Tribe N	ame
b. Type of	Completion	:	Ne Ne	v 🔲	Work Over		Deepen	Pl	ug Back	Diff.	Resvr.		1 3 . 0			1 3 1
			Other _				-		*					A Agreem		
2. Name of	Operator													008900 ne and We		UNII
KERR-N	ACGEE (OIL & Č	SAS ON	ISHORE	LP							1	1022		eli No.	
3. Address								3a. Ph	one No. (în	iclude area	code)		PI Well			
1368 S0	OUTH 12	200 EAS	ST. VE	RNAL. U	TAH 840	78			(435)	781-702	4	1	73735			
					cordance w		deral requ	irements,								
At surface			NE	:/NE 817	'FNL, 5'F	ELI	LOT 1					l		Pool, or E BUTTE		ı.
At top prod	. interval re	norted hel			,									R., M., or		
At top prod	. IIIICI VAI IC	ported bei	OW									12.	County or		<u>SEC. 3,</u>	T10S, R22E 13. State
At total dep			· · · · · · · · · · · · · · · · · · ·									UINT				UTAH
14. Date S	•			Date T.D. F	Reached			16. Dat	te Completo D & A	ed X Read	ly to Prod			s (DF, RK	B, RT, C	L)*
07/10/0	7		08	/13/07				12/09		IM Reac	ly to I rou.	5163	'GL			
18. Total I			8705'	19. 1	Plug Back T		MD	8645			20. Depth	Bridge	Plug Set:			
21 Type F		/D ther Mech	anical I o	re Pun (Sub	mit copy of		TVD			22 11/02	well cored	N. N.	. 🗖	TVD Yes (Sub	mit conv	· · · · · · · · · · · · · · · · · · ·
zr. Type i	ACCUIC & O	dici Micci	amear Lo	ss Rail (Sub	init copy of v	caciij					Well cored DST run?			Yes (Sub		
CBL-CC	L-GR	RPW	1. R1	1B							tional Sur			Yes (
				trings set in	well)					•						•
	Size/Grade	1		Top (MD)	Bottom (MD)	Stage Ce		1	Sks. &	Slurry V (BBL)		Cement '	Top*	Amo	unt Pulled
20"	14"	36.7	'#		40'		Dep	1111		Cement SX	(BBL)	-)				
12 1/4"		32.3#			2420					SX			·····			· · · · · · · · · · · · · · · · · · ·
7 7/8"	4 1/2"	11.6			8705					SX						
24. Tubing	 					T	<u>.</u>			 	1					
Size	Depth Se		Packer I	epth (MD)	Size		Depth Se	t (MD)	Packer De	epth (MD)	Siz	e	Depth	Set (MD) Pacl	cer Set (MD)
2 3/8"	769	94	<u> </u>								-		 		_	
25. Produc	ing Interval	<u> </u>	<u>. </u>				26. Perfo	ration R	ecord		l		l			
	Formatio		T	Тор	Botton	m		forated 1		T	Size	No.	Holes	<u> </u>	Perf. St	atus
A) '	WASAT	CH		5308'	6448	3'	5	308'-6	448'		0.36		30	 	OPE	N
в) М	ESAVE	RDE		7213'	8515	5'	7	213'-8	515'	(0.36	1	34		OPE	N
C)																
D)			L_			l										
	racture, Tre		ement Sq	ieeze, Etc.										===		
	Depth Inter		<u> </u>	- 116-		1014				id type of N	faterial	-	RE	CEIV	にレ	:
	5308'-64 7213'-85				BBLS SL BBLS SL							1. 37			วกกร	· · · · · · · · · · · · · · · · · · ·
	12,13-03	15	IPIV	IP 0239 I	DDLO OL	ICK	nzU &	221,0	00# 30/3	00 SD		*	JA	N 08	<u> </u>	
·													 .		o saisi	NG.
28. Produc	tion - Interv	al A										D	IV. OF C	HL, GAS	C INITIA	IIIQ
	Test	Hours	Test	Oil	Gas	Water	r	Oil Grav	-	Gas		Producti	on Method			
	Date	Tested	Production	_	MCF	BBL	440	Corr. AF	PI	Gravity			ELOV	Ve ED/	~ N.A. \ A. / E	=1.1
12/09/07 Choke	12/11/07 Tbg. Press.	24 Csg.	24 Hr.	Oil	2,631 Gas	Water	440	Oil Grav	rity	Well Status		<u> </u>	FLUV	VS FRO	JIVI VVE	
Size	Flwg. 1276#	Press.	Rate	BBL	MCF	BBL		Corr. AF	-							
20/64	SI	1537#	\rightarrow	0	2631	1	440]	PR	ODU	CING C	GAS W	ELL	
	ction - Inter		IT	Ton	TC	I117-4		loa c	<i>i</i>	G		Due de les	\ (-at 1			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	•	Oil Grav Corr. AP	-	Gas Gravity		rioauca	on Method			
12/09/07	12/11/07	24	\rightarrow	0	2631		440	<u></u>					FLOV	VS FRO	OM WE	ELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	r	Oil Grav	-	Well Status						
	Flwg. 1276# SI	1537#	Rate	BBL 0	мсғ 2631	BBL	440	Сопт. АР	•		PR	ODU	CING 6	SAS W	ELL	
								<u> </u>		<u> </u>						

										
28b. Pro Date First	duction - Inte	,	Test	To:	Ic.	Investor	lono :	To a :		
Produced	Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	duction - Inte	rval D	•			J				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. APl	Gas Gravity	Production Method	•
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	···	
SOLD	osition of Ga									
30. Sum	mary of Poro	us Zones (Ii	nclude Aqui	fers):				31. Formatio	on (Log) Markers	
tests,	vall importar including de ecoveries.	t zones of potential poten	porosity and I tested, cus	contents the	reof: Cored ne tool open,	intervals and flowing and	i all drill-stem shut-in pressures			ļ
For	mation	Тор	Bottom		Descript	tions, Content	ts, etc.	İ	Name	Top Meas. Depth
WASA MESA	TCH VERDE	4158' 6839'	6839'							
32. Addit	ional remark	s (include r	lugging pro	cedure):						
			000 P*V							
1. Ele	enclosed att. ectrical/Mech ndry Notice f	anical Log				Geologic Repo Core Analysis		ST Report	4. Directional Survey	
36. I hereb	y certify that	the forego	ing and attac	ched informa	tion is comp	lete and corre	ct as determined f	from all available r	ecords (see attached instru	actions)*
Name	(please print)	SHEIL	A UPCH	IEGO			Title _	SENIOR L	AND ADMIN SPEC	CIALIST
Signat	ure	M	rh	M	Ul	10	Date	01/02/08		
Title 18 U.	S.C. Section	1001 and T	itle 43 U.S.C	C. Section 121	2, make it a	crime for any	person knowingly	and willfully to mai	ke to any department or age	ency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Sundry Number: 39065 API Well Number: 43047373530000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURC		FORM 9
,	ES IING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191-A	
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	deepen existing wells below ntal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 1022-5A
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047373530000
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	h Street, Suite 600, Denver, CO, 80217	PHONE NUMBER: 3779 720 929-6	9. FIELD and POOL or WILDCAT: 5NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0817 FNL 0005 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 5 Township: 10.0S Range: 22.0E Merid	ian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
6/14/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	New construction
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT	PRODUCTION START OR RESUME		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	▼ TEMPORARY ABANDON
	L TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
The operator reques	completed operations. Clearly show a sts authorization to temporal tached to this sundry is the t procedure.	ily abandon the subject	
NAME (PLEASE PRINT) Matthew P Wold	PHONE NUMB 720 929-6993	ER TITLE Regulatory Analyst I	
SIGNATURE	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	DATE	
N/A		6/14/2013	

Sundry Number: 39065 API Well Number: 43047373530000

Well Name: <u>NBU 1022-5A</u> 6/12/13

Surface Location: NENE Sec. 5, T10, R22E

Uintah County, UT

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Set a tubing plug near EOT, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: 4304737353 **LEASE#:** UTU-01191-A

ELEVATIONS: 5163' GL* 5187' KB

Note: GL depth according to logs is 5013' & KB is 5037'

TOTAL DEPTH: 8705' **PBTD:** 8645'

SURFACE CASING: 9 5/8", 32.3# & 36# @ 2420' (KB)

PRODUCTION CASING: 4 1/2", 11.6# I-80 @ 8705'

TOC @ ~1500 per CBL

PRODUCTION TUBING: 2 3/8" J-55, EOT @ 7694' (CMP rpt dated 12/7/07)

PERFORATIONS: WASATCH 5308' - 6448'

MESAVERDE 7213' - 8515'

Tubular/Borehole		Collapse	Burst psi	Capacities			
	inches	psi		Gal./ft.	Cuft/ft.		Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624		0.02171	0.00387
4.5" 11.6# I-80	3.875	6350	7780	0.6528		0.0872	0.0155
9.625" 32.3# H-40	8.845	1400	2270	3.3055		0.4418	0.0787
9.625" 36# J-55	8.765	2020	3520	3.247		0.434	0.0773
Annular Capacities							
2.375" tbg. X 4 ½" 11.	.6# csg			0.4227	0.0565		0.01
4.5" csg X 9 5/8" 36#	csg		2.227	0.2977		0.053	
4.5" csg X 7.875 bore	hole	1.704	0.2278		0.0406		
9.625" csg X 12 1/4" l	oorehole			2.3428	0.3132		0.0558

GEOLOGICAL TOPS:

4158' Wasatch 6839' Mesaverde

RECEIVED: Jun. 14, 2013

Sundry Number: 39065 API Well Number: 43047373530000

NBU 1022-5A TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 26 sx of cement needed to perform procedure.

Note: Gyro survey ran previously (5/12/08).

- MIRU. KILL WELL AS NEEDED (TO INCLUDE SURFACE CSG PRESSURE). ND WH, NU AND TEST BOPE.
- 2. RU WIRELINE. ENSURE WELLBORE IS CLEAN. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.
- 3. PLUG #1, ISOLATE MV/WAS PERFORATIONS (5308' 8515'): RIH W/ 4 ½" CBP. SET @ ~5260'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 8 SX/ 1.6 BBL/ 8.7 CUFT. ON TOP OF PLUG. PUH ABOVE TOC (~5160'). REVERSE CIRCULATE W/ TREATED FRESH WATER (~14 BBLS).
- 4. PLUG #2, PROTECT TOP OF WASATCH (4158'): PUH TO ~4260'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 16 SX / 3.3 BBL / 18.3 CUFT AND BALANCE PLUG W/ TOC @ ~4050' (210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER (~63 BBLS).
- 5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
- 6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 6/12/13

RECEIVED: Jun. 14, 2013

Sundry Number: 48241 API Well Number: 43047373530000

	STATE OF UTAH		FORM 9	
	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191-A	
SUNDF	RY NOTICES AND REPORTS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: NBU 1022-5A		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047373530000	
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18t	h Street, Suite 600, Denver, CO, 80217	PHONE NUMBER: 3779 720 929-0	9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0817 FNL 0005 FEL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 05 Township: 10.0S Range: 22.0E Merid	ian: S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	
12/6/2013	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Sputt.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON	
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	all nertinent details including dates	denths volumes atc	
The operator has co the subject well loo to expand and drill t	oncluded the temporary abarcation on 12/6/2013. This we he NBU 1022-5A Pad wells. In pagical well history for details	ndonment operations on ell was plugged in order Please see the attached	Accepted by the Utah Division of	
NAME (PLEASE PRINT) Teena Paulo	PHONE NUMB 720 929-6236	ER TITLE Staff Regulatory Specialist		
SIGNATURE N/A		DATE 2/28/2014		

					U	S ROC	KIES RE	EGION	
					Opera	tion S	Summa	ry Report	
Well: NBU 1022	!-5A							Spud Date: 8/4	1/2007
Project: UTAH-L	JINTAH			Site: NBL	J 1022-5A	<u> </u>			Rig Name No:
Event: ABANDO	NMENT			Start Date	e: 12/3/20	13			End Date:
Active Datum: R	RKB @5,0	38.99usft (a	bove Mean S			BU 1022-	5A		
Date		Time art-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation
12/3/2013	11:30	- 13:00	1.50	ABANDT	30		Р		ROAD RIG TO LOCATION FROM MORGAN STATE 7-36.
	13:00	- 16:30	3.50	ABANDT	31		Р		CP= 90#. TP= 90#. MIRU. BLOW DOWN WELL. CONTROL TBNG W/ 25BBLS TMAC. NDWH. NUBOP. HAD TO INSTALL SPOOL PEICE ON BOP. R/U FLOOR. X/O TO TBNG EQUIP. MIRU SCANNER. POOH WHILE SCAN 40JTS 2-3/8" J-55 TBNG. SWIFN.
									NOTE: SNOWING VERY HARD, SO RELEASE RIG CREW TO TRAVEL IN DAYLIGHT.
12/4/2013	7:00	- 7:15	0.25	ABANDT	48		Р		SAFETY = JSA. (WINTER OPS).
	7:15	- 12:00	4.75	ABANDT	30		Р		SICP= 350#. SITP= 200#. BLOW DOWN WELL. THAWE OUT PUMP LINES & PUMP. CNTRL TBNG W/ 30BBLS TMAC. CONT POOH WHILE SCANNING 244JTS 2-3/8" J-55 TBNG. ALL TBNG SCANNED AS YELLOW BAND W/ LIGHT EXTERNAL SCALE ON LAST 30JTS. RDMO SCANNERS.
	12:00	- 14:00	2.00	ABANDT	34		Р		CNTRL CSNG W/ 40BBLS TMAC. MIRU WIRELINE. P/U & RIH W/ GR-JB TO 5300'. POOH & L/D TOOLS. P/U & RIH W/ 4-1/2" HAL 8K CBP. SET CBP @5260'. POOH W/ WIRELINE. RDMO WIRELINE.
		- 16:30	2.50	ABANDT	30		Р		TIH W/ 165JTS 2-3/8" J-55 TBNG. T/U ON CBP @ 5260'. R/U PUMP & LINES. LOAD CSNG W 40 BBLS TMAC. PRESSURE TEST CSNG GOOD @ 1000# FOR 15MIN. LOST 10#. POOH W/ 2STNDS TBNG. DRAIN PUMP & LINES. SWIFN. PREP FOR CMT JOB IN AM.
12/5/2013	7:00	- 7:15	0.25	ABANDT	48		Р		SAFETY = JSA.
	7:15	- 8:00	0.75	ABANDT	30		Р		0# ON WELL. RIH W/ 2SNDS TBG. T/U ON CBP @ 5260' PREP FOR CMT JOB.
	8:00	- 16:00	8.00	ABANDT	51	D	Z		MIRU NABORS CMT CREW. PUMP TRUCK WAS FROZE UP. WORK ON ENGINES ALL DAY LONG. 2 OF 3 ENGINES STARTED. RELEASE CMT CREW W/ BROKEN DOWN EQUIP. POOH 2 STNDS TBG. SWIFN.
12/6/2013		- 7:15	0.25	ABANDT	48		Р		SAFETY = JSA.
	7:15	- 8:00	0.75	ABANDT	30		Р		0# ON WELL. RIH W/ 2STNDS TBNG. T/U ON CBP @ 5260'. P/U 2'. R/U PUMP & LINES. TOTAL OF 166JTS TBNG IN THE HOLE.
	8:00	- 9:30	1.50	ABANDT	46	F	Z		WAIT ON CMT CREW. TRUCKS GELLED UP ON THE WAY TO LOCATION & THEY HAD TO WAIT ON THEIR MECHANIC. (PRO PETRO SERVICES).

2/25/2014 2:24:22PM 1

Sundry	Number:	48241	APT We	<u>, </u>	Iumbe	r: 4	3047373	530000			
					S ROCI						
				Opera	ition S	umma	ry Report				
Well: NBU 1022-5A Spud Date: 8/4/2007											
Project: UTAH-L	JINTAH		Site: NBL	J 1022-5 <i>A</i>	١			Rig Name No:			
Event: ABANDC	NMENT		Start Date	e: 12/3/20)13			End Date:			
Active Datum: F Level)	RKB @5,038.99usft (a	bove Mean S	Sea	UWI: NI	3U 1022-	5A					
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation			
	9:30 - 11:00	1.50	ABANDT	51	D	P		MIRU CMT CREW. BREAK CIRC DOWN TBNG W/ 10BBLS FRESH WATER. SPOT 8SX 15.8# NEAT "G" CMT ON CBP @5260'. P/U TO 5160' REVERSE CIRC W/ 20BBLS FRESH WATER UNTIL RETURNS CLEAN. POOH WHILE L/D 32JTS 2-3/8" J-55 TBNG TOTAL. EOT @ 4258' W/ 134JTS TBNG IN THE HOLE. R/U CMT CREW. BREAK CIRC. PUMP 16SX 15.8# NEAT "G" CMT (BALANCED PLUG). P/U TO 4050'. REVERSE CIRC W/ 70BBLS TMAC. RDMO CMT CREW.			
	11:00 - 17:00	6.00	ABANDT	30		P		CONT POOH WHILE L/D REMAINDER OF TBNG. ALL TBNG FROM WELL SENT TO SAMUELS YARD. TOTAL OF 244JTS 2-3/8" J-55 Y-BND. LOAD CSNG W/ 20BBLS TMAC UNTIL FULL. NDBOP. NUWH. SWI. R/D RIG. INSTALL TIRE CHAINS ON RIG. PREP FOR RIG MOVE MONDAY AM. SDFWE. WH COORDINATES: LAT 39.98301 LONG -109.45362			
								NOTE: FMC WILL REMOVE WELLHEAD ON MONDAY (12/9/13).			

2/25/2014 2:24:22PM 2

Sundry Number: 52075 API Well Number: 43047373530000

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND MI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-01191-A		
SUNDR	RY NOTICES AND REPORTS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	deepen existing wells below ontal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: NBU 1022-5A		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	NSHORE, L.P.		9. API NUMBER: 43047373530000		
3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl	h Street, Suite 600, Denver, CO, 8021	PHONE NUMBER: 7 3779 720 929-	9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0817 FNL 0005 FEL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 05 Township: 10.0S Range: 22.0E Meri	dian: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICA	ATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date not a min claim	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
6/9/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
Report Bate.					
	WILDCAT WELL DETERMINATION	LI OTHER	OTHER:		
THE SUBJECT WE FOLLOWING A TEN	COMPLETED OPERATIONS. Clearly show ELL WAS RETURNED TO PROMPORARY ABANDONMENT. F L HISTORY FOR DETAILS. TH	ODUCTION ON 6/9/2014 PLEASE SEE ATTACHED	Accepted by the Utah Division of Oil, Gas and Mining FORUREC, ORD ONLY		
NAME (PLEASE PRINT)	PHONE NUMI	BER TITLE			
Kay E. Kelly	720 929 6582	Regulatory Analyst			
SIGNATURE N/A		DATE 6/10/2014			

				U	S ROC	KIES R	EGION					
				Opera	tion S	umma	ary Report					
Well: NBU 1022	Well: NBU 1022-5A Spud Date: 8/4/2007											
Project: UTAH-U	JINTAH		Site: NBL	J 1022-5A	PAD			Rig Name No:				
Event: ABANDO	NMENT		Start Date	e: 3/20/20	14			End Date: 6/5/2014				
Active Datum: R	KB @5,038.99usft (al	bove Mean Se	ea	UWI: NE	BU 1022-	5A						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation				
3/20/2014	7:00 -							OPERATION - REBUILD PROD. FACILITIES TO RETURN WELL TO PRODUCTION				
6/3/2014	6:45 - 7:00	0.25		48		Р		HSM. SLIP, TRIP & FALLS.				
	7:00 - 10:00	3.00		31	I	P		SICP = 0 PSI. RU RIG. ND WH. NU BOP. RU RIG FLOOR & TBG EQUIP. PU 37/8 MILL, POBS & 1.875 XN. RIH W/ TBG. TAG SOFT CMT @ 3856'. RU DRL EQUIP. BRK REV CIRC. DRL DOWN T/ 4058'. TBG PLUGED OFF. FOUND THAT HOSE ON RETURN LINE CAME APART ON THE INSIDE OF HOSE. STD BACK DRL EQUIP. POOH W/ TBG. LD MILL. CLEAN OUT MILL. RIH W/ MILL & TBG. EOT @ 4038'. SWIFN.				
6/4/2014	6:45 - 7:00	0.25		48		Р		HSM. OVER HEAD HAZARDS (SWIVEL, HOSES, EXT)				
	7:00 - 9:30	2.50		44	A	Р		OPEN WELL 0 PSI. RU DRL EQUIP. BRK REV CIRC. CONT DRL OUT CMT F/ 4058'. DRL OUT 191' OF HARD CMT. FELL OUT OF CMT @ 4249'. CIRC WELL CLEAN.				
	9:30 - 11:00	1.50		31	I	Р		STD BACK DRL EQUIP. CONT RIH W/ TBG. TAG SOFT CMT @ 5100'.				
	11:00 - 13:00	2.00		44	С	Р		RU DRL EQUIP. BRK CONV CIRC W/ FU. DRL OUT 100' CMT & CBP @ 5260'. DID NOT SEE ANY PSI INCR AFTER DRL CBP. CIRC WELL CLEAN. STD BACK DRL EQUIP.				
	13:00 - 17:00	4.00		31	I	Р		CONT RIH W/ TBG. TAG 8436'. RU DRL EQUIP. SWIFN. READY T/ FINISH CO IN THE :AM.				
6/5/2014	6:45 - 7:00	0.25		48		Р		HSM. GOOD COMMUNICATIONS BETWEEN FU OPERATOR & DRILLER.				
	7:00 - 10:00	3.00		44	D	Р		SICP = 950 PSI. BLOW WELL DOWN T/ PIT. BRK CONV CIRC W/ FOAM UNIT. START CO F/ 8436'. CO SCALE & SAND T/ 8588' = 73' OF RAT HOLE. MILLED OF OLD POBS. COULD NOT MAKE ANY HOLE. CIRC WELL CLEAN W/ FU. RD DRL EQUIP.				

6/10/2014 8:07:31AM 1

Sundry	Number:	52075	APT We	<u> </u>	Jumbe	<u>r: 4</u>	3047373	530000				
_	US ROCKIES REGION											
Operation Summary Report												
Well: NBU 1022-	5A						Spud Date: 8/4	1/2007				
Project: UTAH-U	INTAH		Site: NBU	1022-5 <i>A</i>	A PAD			Rig Name No:				
Event: ABANDO	NMENT		Start Date	e: 3/20/20	014			End Date: 6/5/2014				
Active Datum: RI Level)	KB @5,038.99usft (al	bove Mean Se	ea	UWI: NI	BU 1022-	5A						
Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (usft)	Operation				
	10:00 - 13:30	3.50		31	I	P		POOH LD 28 JTS. PU 41/16 TBG HNGR. LAND TBG W/ KB ====================================				
	13:30 - 17:00	3.50		30	G	Р		ROAD RIG & EQUIP T/ BON 1023-17G MEGA PAD.				

6/10/2014 8:07:31AM 2